



DATE: October 23, 1987
TO: Don Josif, USEPA
FROM: Gregory W. Dunn GWS
SUBJECT: L0316640013 -- Cook County
Bedford Park/Nalco Chemical
ILD 005092572
Superfund/HRS

EPA Region 5 Records Ctr.



281515

L0316640013
Cook County
Nalco Chemical
ILD 005092572
Superfund/HRS

Executive Summary

Nalco Chemical Company owns and operates a plant at 6216 West 66th Place in Bedford Park, Illinois. The facility manufactures a variety of specialty chemicals that, at one time, include the production of pesticides under the Nalco name. Hazardous wastes are produced by the formulation of specialty chemicals and off-specification products that can not be reclaimed. A storage area on-site, stores the drums of hazardous wastes until they can be shipped off-site to IEPA approved locations.

Nalco Chemical has been in operation at its present location since 1930. During the late 1970's, Nalco produced pesticides that contained 6% to 10% 2,4,5-Trichlorophenate, including possible use of 2,3,7,8-TCDD. The suspected use of 2,3,7,8-TCDD resulted in an investigation of Nalco as a Tier 3 site under the U.S. EPA National Dioxin Study. On July 8, 1985, FIT personnel (Ecology & Environment, Inc.) conducted an inspection of Nalco Chemical.

This site has already undergone a Site Inspection and HRS score package. Therefore, a no further action is recommended for the Preliminary Assessment stage, due to the work already completed in the SI and HRS stages.

GWD:kh/s-1

cc: Division File
Maywood

SEP 26 1995



0316640013

POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 1 - SITE INFORMATION AND ASSESSMENT

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
IL D005092572

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site)	02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER			
Nalco Chem Corp	6216 W. 66 th Place			
03 CITY	04 STATE	05 ZIP CODE	06 COUNTY	07 COUNTY CODE 08 CONG DIST
Bedford Park	IL	60638	Cook	031 05
09 COORDINATES LATITUDE	LONGITUDE			
41 46 24.5	087 46 28.4		Berwyn, IL Quad	
10 DIRECTIONS TO SITE (Starting from nearest public road)				
(See Attached Map)				

III. RESPONSIBLE PARTIES

01 OWNER (If known)	02 STREET (Business, mailing, residential)		
Nalco Chemical Corporation	1 Nalco Center		
03 CITY	04 STATE	05 ZIP CODE	06 TELEPHONE NUMBER
Naperville	IL	60566	(312) 961-9500
07 OPERATOR (If known and different from owner)	08 STREET (Business, mailing, residential)		
09 CITY	10 STATE	11 ZIP CODE	12 TELEPHONE NUMBER
			()
13 TYPE OF OWNERSHIP (Check one)			
<input checked="" type="checkbox"/> A. PRIVATE <input type="checkbox"/> B. FEDERAL: _____ (Agency name) <input type="checkbox"/> C. STATE <input type="checkbox"/> D. COUNTY <input type="checkbox"/> E. MUNICIPAL			
<input type="checkbox"/> F. OTHER: _____ (Specify) <input type="checkbox"/> G. UNKNOWN			

14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply)

☒ A. RCRA 3001 DATE RECEIVED: 08/18/80 MONTH DAY YEAR ☐ B. UNCONTROLLED WASTE SITE (CERCLA 103 G) DATE RECEIVED: / / MONTH DAY YEAR ☐ C. NONE

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION	BY (Check all that apply)		
<input checked="" type="checkbox"/> YES DATE 05/28/85 MONTH DAY YEAR	<input checked="" type="checkbox"/> A. EPA	<input checked="" type="checkbox"/> B. EPA CONTRACTOR	<input checked="" type="checkbox"/> C. STATE
<input type="checkbox"/> NO	<input type="checkbox"/> D. OTHER CONTRACTOR	<input type="checkbox"/> E. LOCAL HEALTH OFFICIAL	<input type="checkbox"/> F. OTHER: _____ (Specify)
03/20/87	CONTRACTOR NAME(S): E. E. Inc		
02 SITE STATUS (Check one)	03 YEARS OF OPERATION		
<input checked="" type="checkbox"/> A. ACTIVE <input type="checkbox"/> B. INACTIVE <input type="checkbox"/> C. UNKNOWN	1930 1 BEGINNING YEAR ENDING YEAR <input type="checkbox"/> UNKNOWN		

04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED

Many types of chemicals in varying amounts

05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION

Surface Water (Environment)
Ground Water (Environment)

V. PRIORITY ASSESSMENT

01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2. Waste Information and Part 3. Description of Hazardous Conditions and Incidents)			
<input type="checkbox"/> A. HIGH (Inspection required promptly)	<input type="checkbox"/> B. MEDIUM (Inspection required)	<input type="checkbox"/> C. LOW (Inspect on time available basis)	<input checked="" type="checkbox"/> D. NONE (No further action needed, complete current disposition forms)

VI. INFORMATION AVAILABLE FROM

01 CONTACT	02 OF (Agency/Organization)		03 TELEPHONE NUMBER	
CAROLINE PANICO	IEPA		(312) 345-9780	
04 PERSON RESPONSIBLE FOR ASSESSMENT	05 AGENCY	06 ORGANIZATION	07 TELEPHONE NUMBER	08 DATE
GREGORY W. DUNN	IEPA	RPMS	(217) 782-6761	10/23/87 MONTH DAY YEAR

N/A



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE

02 SITE NUMBER

IL

DE05092572

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 <input type="checkbox"/> A. GROUNDWATER CONTAMINATION 03 POPULATION POTENTIALLY AFFECTED _____	02 <input type="checkbox"/> OBSERVED (DATE _____) 04 NARRATIVE DESCRIPTION _____	POTENTIAL <input type="checkbox"/> ALLEGED <input type="checkbox"/>
01 <input type="checkbox"/> B. SURFACE WATER CONTAMINATION 03 POPULATION POTENTIALLY AFFECTED _____	02 <input type="checkbox"/> OBSERVED (DATE _____) 04 NARRATIVE DESCRIPTION _____	POTENTIAL <input type="checkbox"/> ALLEGED <input type="checkbox"/>
01 <input type="checkbox"/> C. CONTAMINATION OF AIR 03 POPULATION POTENTIALLY AFFECTED _____	02 <input type="checkbox"/> OBSERVED (DATE _____) 04 NARRATIVE DESCRIPTION _____	POTENTIAL <input type="checkbox"/> ALLEGED <input type="checkbox"/>
01 <input type="checkbox"/> D. FIRE/EXPLOSIVE CONDITIONS 03 POPULATION POTENTIALLY AFFECTED _____	02 <input type="checkbox"/> OBSERVED (DATE _____) 04 NARRATIVE DESCRIPTION _____	POTENTIAL <input type="checkbox"/> ALLEGED <input type="checkbox"/>
01 <input type="checkbox"/> E. DIRECT CONTACT 03 POPULATION POTENTIALLY AFFECTED _____	02 <input type="checkbox"/> OBSERVED (DATE _____) 04 NARRATIVE DESCRIPTION _____	POTENTIAL <input type="checkbox"/> ALLEGED <input type="checkbox"/>
01 <input type="checkbox"/> F. CONTAMINATION OF SOIL 03 AREA POTENTIALLY AFFECTED _____ (Acres)	02 <input type="checkbox"/> OBSERVED (DATE _____) 04 NARRATIVE DESCRIPTION _____	POTENTIAL <input type="checkbox"/> ALLEGED <input type="checkbox"/>
01 <input type="checkbox"/> G. DRINKING WATER CONTAMINATION 03 POPULATION POTENTIALLY AFFECTED _____	02 <input type="checkbox"/> OBSERVED (DATE _____) 04 NARRATIVE DESCRIPTION _____	POTENTIAL <input type="checkbox"/> ALLEGED <input type="checkbox"/>
01 <input type="checkbox"/> H. WORKER EXPOSURE/INJURY 03 WORKERS POTENTIALLY AFFECTED _____	02 <input type="checkbox"/> OBSERVED (DATE _____) 04 NARRATIVE DESCRIPTION _____	POTENTIAL <input type="checkbox"/> ALLEGED <input type="checkbox"/>
01 <input type="checkbox"/> I. POPULATION EXPOSURE/INJURY 03 POPULATION POTENTIALLY AFFECTED _____	02 <input type="checkbox"/> OBSERVED (DATE _____) 04 NARRATIVE DESCRIPTION _____	POTENTIAL <input type="checkbox"/> ALLEGED <input type="checkbox"/>



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LOOK
NALCO CHEMICAL CO
ST-TECH
NALCO CHEMICAL COMPANY

6216 WEST 66TH PLACE □ CHICAGO, ILLINOIS 60638-5299 □ AREA 708-496-5000

For: Bill Child
EXH
> Division File
Exempt Storage

SEND TO BOL
SIP.

June 22, 1992 RECEIVED IN THE
OFFICE OF THE DIRECTOR

CERTIFIED MAIL

JUN 29 1992

Illinois Environmental Protection Agency
2200 Churchill Road
Springfield, Illinois 62706

Attention: Ms. Mary Gade, Director

Re: Incident Report
Nalco Chemical Company
ILD005092572

Dear Ms. Gade:

In accordance with 35 IAC 725.156(j), Nalco Chemical Company submits this incident report regarding implementation of the Contingency Plan at the facility identified below.

Name, Address and Telephone Number of the Owner or Operator:

NALCO CHEMICAL COMPANY
Attention: Michael R. Pisarcik,
Environmental Manager
One Nalco Center
Naperville, Illinois 60563-1198
(708) 305-1204

Name, Address and Telephone Number of the Facility:

NALCO CHEMICAL COMPANY, Clearing Facility
Attention: Karl H. Hoffmann,
Division Vice President, Manufacturing
6216 West 66th Place
Chicago, Illinois 60638
(708) 496-7100

Date, Time and Type of Incident:

At approximately 11:35pm on June 16, 1992, a drum containing ignitable hazardous waste overpressurized, resulting in failure of the drum's top section and release of liquid and vapor from the container. The drum was located in the interim status hazardous waste container storage area located in Building #19 at the above referenced facility. Although the waste material was flammable, there was no fire during this incident.

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June 22, 1992

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Name and Quantity of Material(s) Involved:

The drum contained acetone, methanol, t-butyl hydroperoxide, di-t-butyl peroxide, t-butyl alcohol and water (hazardous waste code D001). We estimate that 8-10 gallons of liquid and 48 pounds of vapor escaped. The liquid was recovered and the material placed in a container for disposal.

The Extent of Injuries, If Any:

There were no injuries during this incident.

An Assessment of Actual or Potential Hazards to Human Health or the Environment, Where Applicable:

The incident occurred in the interim status hazardous waste container storage area (inside the Building #19 flammable storage room). We believe that there was no potential hazard to the environment as the liquid was contained on a concrete floor inside an area designed for flammable liquids, and the vapor release was small. Any potential hazard to human health would be confined to Nalco employees responding to the incident. These employees wore the appropriate protective equipment, so we believe that the hazard was controlled.

Estimated Quantity and Disposition of Recovered Material that Resulted From the Incident:

As stated above 8-10 gallons of liquid were recovered. This material will be incinerated at an approved facility.

If you have any questions or require additional information, please call me at (708) 496-7100.

Sincerely,



Karl H. Hoffmann
Division Vice President
Manufacturing

cc: Illinois Environmental Protection Agency
Maywood Office
1701 South First Avenue
Maywood, Illinois 60153



CONFIDENTIAL

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5

SUBJECT: Nalco Chemical Company ILD005092572 - Support Memorandum for Final Assessment Decision (FAD) and Non-NPL Status

DATE: Monday, May 21, 2007

FROM: Laura Ripley *L.Ripley*
 Superfund Division, Remedial Response Section #2

TO: File

US EPA Region 5 is in the process of doing some database cleanup regarding no further remedial action planned (NFRAP)/Referred to Removal which have no Final Assessment Decision (FAD). US EPA Region 5, pulled the files for Nalco Chemical Company located in Bedford Park, Cook County, Illinois. A Preliminary Assessment was conducted in October 1987 and accepted by EPA on November 6, 1987. A Site Inspection was completed on December 23, 1985. A Regional Decision Team Decision was made on 7/21/1998. All of the decisions indicated NFRAP. There appears to be an open Administrative Order with Nalco Chemical Company as of June 30, 1986. In addition, there appears to be a planned PRP Remedial Investigation/Feasibility Study. The site non-NPL status appears that it should be Referred to Removal – NFRAP, until such time as the removal program closes out the administrative order as well as sets some completion dates with the other open items in the schedule.

A Final Assessment Decision (FAD) appears to not have been taken based upon the NFRAP determination. In updating CERCLIS as a result of this data correction, the non-NPL status will remain as Referred to Removal-NFRAP, as the site scored less than 28.5 in 1985, 1987, and 1998. The non-NPL Status field will be given a date of **July 21, 1998** to correspond with the date of the Regional Decision Team Memo. The FAD should have been taken as part of the creation of the FAD. Therefore, the FAD will be given the date of **September 30, 2001** which is the date the FAD became effective. See Superfund Program Implementation Manual (SPIM) FY06/07, OSWER Directive 9200.3-14-1G-R, November 9, 2006 for further discussion of the non-NPL Status and FAD.

In the event that new information becomes available for the site which may change this decision, US EPA Region 5 may reexamine the FAD, non-NPL status and archive designations.